

NOTES:

1. Hazard analyses were performed using HAZ16A software (N. Abrahamson, 1996).
2. The 3 source models (BCH, GSC-H, GSC-R) are weighted equally.
3. For each source zone in each model, weights on a-b pairs representing "best-estimate", "upper/lower" and "extreme upper/lower" bounds are 0.4, 0.2/0.2, 0.1/0.1 for BCH model, and 0.68, 0.16/0.16, 0/0 for GSC models.
4. For each source zone in each model, weights on lower-, best-, and upper- estimates of  $M_x$  are 1/3 each for BCH model and 0.16, 0.68, 0.16, respectively for the GSC models.
5. Weights on attenuation relationships are Idriss (0.3), Sadigh et al. (0.3), Campbell & Bozorgnia (0.3), BJR (0.1).

**BChydro**

SEVEN MILE PROJECT - DEFICIENCY INVESTIGATION

SEISMIC HAZARD ASSESSMENT

UNCERTAINTY IN PGA HAZARD

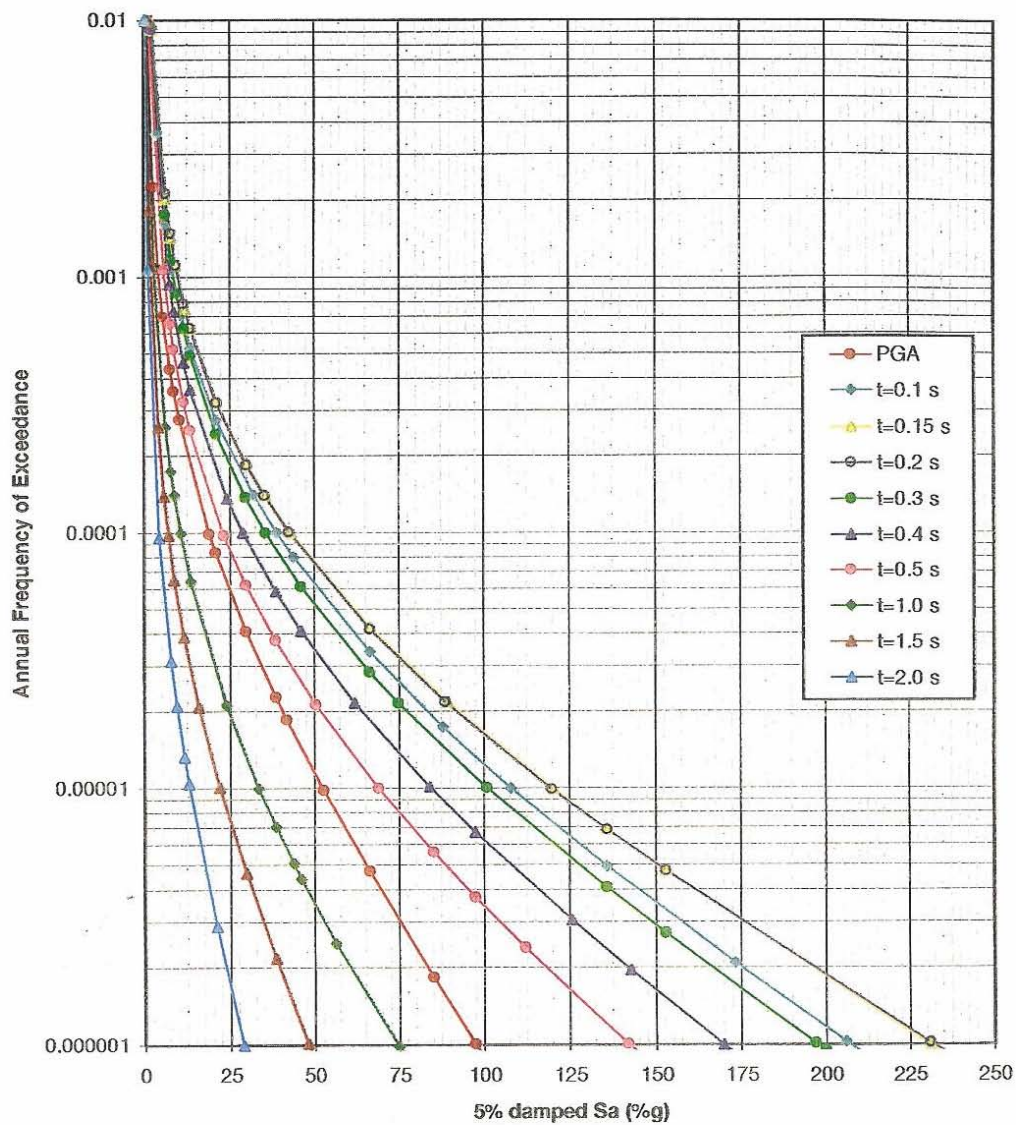
DATE May 1997

FIG. 5-3

DWN kmm

DWG. No. 224-C29-A12

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3. For each source zone in each model, weights on a-b pairs representing "best-estimate", "upper/lower" and "extreme upper/lower" bounds are 0.4, 0.2/0.2, 0.1/0.1 for BCH model, and 0.68, 0.16/0.16, 0/0 for GSC models.
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**BChydro** 

SEVEN MILE PROJECT - DEFICIENCY INVESTIGATION  
SEISMIC HAZARD ASSESSMENT

MEAN SEISMIC HAZARDS ON ROCK

DATE May 1997

FIG. 5-1

DWN kmm

DWG. No. 224-C29-A10

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